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Application Number	10/536,471	
Filing Date	2003-12-16	
First Named Inventor	PROCTOR JR.; James A.	
Art Unit	2617	
Examiner Name	Phuoc Huu Doan	
	Filing Date First Named Inventor Art Unit	Filing Date 2003-12-16 First Named Inventor PROCTOR JR.; James A. Art Unit 2617

			U.S. PATENT DO	CUMENTS	
Examiner Initials*	Cite No.3	Document Number Number-Kind Code ^{2(if} known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	001	US4777653	10-11-1988	BONNEROT; Georges et al.	
	002	US5333175	07-26-1994	ARIYAVISITAKUL; Sirikiat et al.	
	003	US5383144	01-17-1995	KATO; Shiro	
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	005	US6539028	03-25-2003	SOH; Kok Hong et al.	
•••••	006	US6549542	04-15-2003	DONG; Sung-Soo et al.	
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	011	US7133460	11-07-2006	BAE; Sang-Min et al.	
	012	US20010050906	12-13-2001	ODENWALDER; Joseph P. et al.	
	013	US20020004924	01-10-2002	KIM; Min-Koo et al.	
	014	US20020034958	03-21-2002	OBERSCHMIDT; Gerald et al.	
	015	US20030211828	11-13-2003	DALGLEISH; Robert et al.	

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See Kinds Codes of USPTO Patent Documents at www.uspto.gov.or.MPEP 901.04. 5 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document, skind of document by the appropriate symbols as indicated on the document under WIPO Standard ST 16 if possible. Applicant is to place a check mark here if English language.

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Substitute for form 3.449/PTO	Complete if Known			
	Application Number	10/536,471		
INFORMATION DISCLOSURE	Filing Date	2003-12-16		
STATEMENT BY APPLICANT	First Named Inventor	PROCTOR JR.; James A.		
Who as bring about the second	Art Unit	2617		
(Use as many sheets as necessary)	Examiner Name Phuoc Huu Doan			
Sheet 2 of 5 Attorney Docket No: 080589				

		F	OREIGN PATENT I	OCUMENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document Country Code ³⁻ Number ⁴⁻ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
	016	EP0709973A1	05-01-1996	NTT MOBILE COMMUNICATIONS NETWORK INC.		
	017	EP0715423	06-05-1996	AT & T CORP [US]		
	018	EP0847146A2	06-10-1998	NEC CORP [JP]		
	019	EP0853393A1	07-15-1998	NTT MOBILE COMMUNICATIONS NETWORK INC.		
	020	GB2351420A	12-27-2000	MOTOROLA LTD.		×
	021	JP05102907	04-23-1993	FUJITSU LTD.		×
	022	JP09018484A	01-17-1997	TEC CORP.		×
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	025	JP11055713	02-26-1999	MATSUSHITA ELECTRIC IND CO LTD.		Ø
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	027	JP2000031877	01-28-2000	SHARP CORP.		E
	028	JP2000082983A	03-21-2000	KOKUSAI ELECTRIC CO LTD.		Ø
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	030	JP2001111575A	04-20-2001	MATSUSHITA ELECTRIC IND CO LTD.		×
	031	JP2002033691	01-31-2002	SONY INT EUROP GMBH.		Ø
	032	JP2002111571A	04-12-2002	NIPPON TELEGR &		≅

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For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. skind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. a Applicant is to place a check mark here if English language Translation is attached This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1459, Alexandria, VA 22313-1450. DO NOT SENO FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1459, Alexandria, VA 22313-1450.

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Sheet 3 of 5 Attorney Docket No: 080589				
(can be many amend an inducation)	Examiner Name Phuoc Huu Doan			
(Use as many siteets as riecessary)	Art Unit	2617		
STATEMENT BY APPLICANT	First Named Inventor	PROCTOR JR.; James A.		
INFORMATION DISCLOSURE	Filing Date	2003-12-16		
	Application Number	10/536,471		
Substitute for form 1449/PTQ	Complete if Known			

	Document	· Winderstan		Pages, Columns, Lines, Where		
Examiner Initials*		No. Number ⁴ -Kind Code ⁵ (if MM-DD-YYYY Applicant of Cited Document	Country Code ³ . Date Name of Patentee or Applicant of Cited Documer	Relevant Passages or Relevant Figures Appear	T 6	
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	034	JP63160442	07-04-1988	HITACHI DENSHI LTD.		×
	035	JP64011428	01-17-1989	TOYO COMMUN EQUIP CO LTD.		8
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	038	WO04032362	04-15-2004	WIDEFI, INC.		Ε
	039	WO04038958	05-06-2004	WIDEFI, INC.		Ε
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	041	WO92014339	08-20-1992	BRITISH TELECOMMUNICATIONS.		Ε
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		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T2

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Substitute for form 1449/PTQ	Complete if Known			
	Application Number	10/536,471		
INFORMATION DISCLOSURE	Filing Date	2003-12-16		
STATEMENT BY APPLICANT	First Named Inventor	PROCTOR JR.; James A.		
(Use as many sheets as necessary)	Art Unit	2617		
(Gae of many arters as necessary)	Examiner Name	Phuoc Huu Doan		
Sheet 4 of 5	Attorney Docket No: 080589			

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the Item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T2
:	044	Oraft IEEE Standard for Local and Metropolitan Area Networks- Part 16: Air Interface for Fixed and Mobile Broadband Wireless Access Systems; Amendment for Physical and Medium Access Control Layers for Combined Fixed and Mobile Operation in Licensed Bands. IEEE P802.16E/D12, Oct 2005.	
	045	Office Action English translation dated July 4, 2008 issued from Chinese Patent Office for Application No. 03814391.7.	
	046	Office Action English translation dated June 29, 2009 issued from Japanese Patent Office for Application No. 2004-541532 (080585JP).	
	047	Translation of Office Action in Japanese application 2004-515701, corresponding to US application 10/516,327, citing WO00050971, JP2000-031877, JP2002-033691, JP2002-111571 and JP11-127104. Dated 2010-06-11 (080583JP).	О
	048	Translation of Office Action in Japanese application 2004-544751, corresponding to US application 10/531,078, citing W000050971, JP2002-111571, JP05-102907, JP63-160442, JP2000-502218, JP10-032557 and JP2000-082983. Dated 2009-10-16 (080590JP).	О
	049	Translation of Office Action in Japanese application 2004-565505, corresponding to US application 10/563,471, citing JP08-097762 and JP2001-111575. Dated 2009-09-09 (080589JP).	п
	050	Translation of Office Action in Japanese application 2004-565505, corresponding to US application 10/563,471, citing JP08-097762, JP2001-111575, JP09-018484 and JP11-055713. Dated 2010-10-07 (080589JP).	В
	051	Translation of Office Action in Japanese application 2004-565505, corresponding to US application 10/563,471, citing JP09-018484. Dated 2010-03-26 (080589JP).	
	052	Translation of Office Action in Korean application 2008-7026775, corresponding to US application 11/730,361, citing KR100610929 Dated 2010-08-30 (080600KR).	

EXAMINER SIGNATURE		DATE CONSIDERED	

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